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## Where to Get Additional Help

**T**his section presents additional sources of information, as well as EPA contacts, that may help you obtain additional information related to implementation of the final pulp and paper effluent limitations guidelines and standards for Subparts B and E. Specifically, the section presents a list of selected documents, databases, and websites either relating generally to the pulp and paper industry, or specifically to the pulp and paper Cluster Rules. These lists also include information on how to reach EPA program personnel and how to access these information sources.

Questions specifically related to the effluent limitations guidelines and standards for the pulp and paper industry should be directed to:

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### Information Relating to the Pulp and Paper Rule

This manual is one element in a broad spectrum of materials that are available related to the regulations promulgated April 15, 1998 for mills with operations in Subparts B and E. The April 15, 1998 rule can be accessed at [www.epa.gov/ost/pupppaper/jd/finwtr2.pdf](http://www.epa.gov/ost/pupppaper/jd/finwtr2.pdf). Figure 12-1 illustrates some of the information currently available, as well as some other information resources the Agency plans to develop in connection with the Cluster Rules. Following Figure 12-1 is a summary of each resource and how to obtain the resource or more information about it.

**Figure 12-1: Information Resources Map**

<b>Documents Supporting the 1998 Promulgated Rule</b>	<ul style="list-style-type: none"> <li>■ Cluster Rule Support Documents</li> <li>■ EPA Internet Homepage</li> <li>■ CD-ROM</li> </ul>
<b>Documents Relating to Implementation/Enforcement of the 1998 Promulgated Rule</b>	<ul style="list-style-type: none"> <li>■ MACT Implementation Guide</li> <li>■ OECA Compliance Guide</li> </ul>
<b>General Information About Permits and NPDES Program</b>	<ul style="list-style-type: none"> <li>■ NPDES Permit Writers Guide</li> <li>■ WQBEL Documents</li> <li>■ NPDES Compliance Inspection Manual</li> <li>■ Introduction to the National Pretreatment Program</li> </ul>
<b>General Information About Pulp and Paper</b>	<ul style="list-style-type: none"> <li>■ Sector Notebook</li> <li>■ Handbook for Pulp and Paper Technologists</li> </ul>
<b>Databases</b>	<ul style="list-style-type: none"> <li>■ SFIP</li> <li>■ PCS</li> <li>■ IDEA</li> <li>■ ERNS</li> <li>■ TRI</li> </ul>
<b>Websites</b>	<ul style="list-style-type: none"> <li>■ EPA Internet Homepage</li> <li>■ EPA/OST Pulp and Paper Website</li> <li>■ EPA/OAQPS Pulp and Paper Website</li> <li>■ TAPPI Website</li> </ul>

**Documents Supporting the 1998 Promulgated Rule**

- **Cluster Rule Support Documents.** In support of the proposed and final cluster rule, EPA developed technical support documents for both the water and air regulations. These documents present the information and rationale supporting the MACT-based NESHAPs and the effluent limitations guidelines and standards. They provide background information on industrial processes and regulatory requirements; summarize data collection methods; provide a detailed overview of air emission and wastewater characteristics, and the selection of pollutant parameters; and discuss pollution prevention and control standards and technologies, including cost estimates. Below is a list of these documents:

- Supplement Technical Development Document for the Pulp, Paper, and Paperboard Category Effluent Limitations Guidelines and Standards, and New Source Performance Standards (Subparts B and E), EPA-821-R-97-011, October 1997
- Technical Support Document for the Voluntary Advanced Technology Incentives Program
- Environmental Assessment
- Technical Support Document for Best Management Practices for Spent Pulping Liquor Management, Spill Prevention, and Control, EPA-821-R-97-011, October 1997
- Analysis of Impacts of BAT Options on the Kraft Recovery Cycle (abbreviated title: Recovery Impacts Document), August 12, 1997
- Preliminary Report on the Relationship Between Dioxin Emissions from Kraft Recovery Boilers and the Chloride Content of the Fuel, November 1997
- BAT Cost Model Support Document, June 14, 1996
- Memorandum: Costing Revisions Made Since Publication of July 15, 1996 Notice of Data Availability (61 FR 36837), September 10, 1997
- Data Available for Limitations Development for Toxic and Nonconventional Pollutants, November 12, 1997
- Final Analysis of Data Available for Development of COD Limitations, August 25, 1997
- Statistical Support Document for the Pulp and Paper Industry, Subpart B, November 1997
- Background Information Document for the Final Air Rules
- **Spent Pulping Liquor BMP Support Document.** This 1997 document ("Technical Support Document for Best Management Practices for Spent Pulping Liquor Management, Spill Prevention and Control, EPA-821-R-97-011, October 1997) has been developed as part of developing the final cluster rule and provides the technical background for BMP programs applicable to spent pulping liquor management, spill prevention, and control at pulp and paper facilities. The document includes chapters discussing wood pulping processes and chemical recovery systems; the composition, toxicity, and source of spent pulping liquor; current industry pollution control practices; and BMP implementation, with estimated costs and effluent reduction benefits. See <http://www.epa.gov/ost/rules/#final>.

In addition, EPA plans to place a number of these documents on a CD-ROM to facilitate their availability to the public. To be completed.

## Documents Relating to Implementation/Enforcement of the 1998 Promulgated Rule

- The Pulp and Paper NESHAP: A Plain English Guide
- OECA compliance guide
- Kraft Pulp Mill Compliance Assessment Guidance

## General Information About Permits and NPDES Program

- **NPDES Permit Writer's Manual.** This 1996 EPA manual (**EPA-833-B-96-003**) was prepared to provide the basic regulatory framework and technical considerations that support the development of wastewater discharge permits as required under the National Pollutant Discharge Elimination System (NPDES) program.
- **NPDES Compliance Inspection Manual.** This 1994 EPA manual (**EPA-300-B-94-014**) was developed to support wastewater inspection personnel in conducting NPDES field inspections, and to provide standardized inspection procedures. The manual encourages a consolidated inspection approach, and is organized in two parts. The first part addresses basic inspection components, including technical information on documentation, recordkeeping and reporting, sampling, and laboratory procedures. The second part provides information on specific types of inspections, concluding with a discussion of multi-media concerns. Contact **NTIS (1-703-487-4650)** to order a copy of this report.
- **Guidance for Water Quality-Based Decisions: The TMDL Process.** This document (**EPA-440-4-91-001**) is intended to define and clarify the requirements under Section 303(d) of the Clean Water Act. Its purpose is to aid state water-quality program managers in understanding the application of total maximum daily loads within the water quality-based approach to establish pollution control limits for waters not meeting water quality standards.
- **Technical Support Document for Water Quality-Based Toxics Control.** This document (**EPA/505/2-90-001**) was prepared as technical guidance for assessing and regulating the discharge of toxic substances to waters of the United States.
- **Industrial User Permitting Guidance Manual.** This document is intended to provide guidance to Publicly Owned Treatment Works (POTWs) on the development and issuance of industrial user (IU) permits.

## General Information About Pulp and Paper

### EPA Documents

- **Sector Notebook.** The EPA Office of Compliance in 1995 developed the **"Profile of the Pulp and Paper Industry"** (**EPA/310-R-95-015**) as part of EPA's sector notebook project. This notebook provides a sector-based profile of air, water, and land pollution regulations for the pulp and paper industry. The notebook reflects EPA's desire to move toward comprehensive sector-based compliance programs for all industrial sectors. The notebook includes a detailed discussion of paper and pulp industrial processes, chemical profiles, pollution prevention opportunities, a summary of applicable federal statutes and

regulations, compliance history and initiatives, and resource lists. See <http://es.epa.gov>.

- **Pollution Prevention Technologies for the Bleached Kraft Segment of the U.S. Pulp and Paper Industry (1993).** This report, published in 1993 by EPA's Office of Pollution Prevention and Toxics (**EPA/600/R-93/110**), provides a detailed description of pollution prevention techniques for pulp and paper facilities, and includes a discussion of alternative pulping and bleaching processes. Contact NTIS (**1-703-487-4650**) to order a hardcopy version of this report.
- **Model Pollution Prevention Plan for the Kraft Segment of the Pulp and Paper Industry (1992).** This document, a product of EPA's Industrial Pollution Prevention Project (**EPA 910/9-92-030**), provides a model pollution prevention plan for the kraft segment of the pulp and paper industry as a whole. This model plan includes both general background information, and numerous pollution prevention options applicable to kraft processes. The model plan was developed after implementation of a specific plan for the Simpson Tacoma Kraft Mill. Contact NTIS (**1-703-487-4650**) to order a hardcopy version of this report.
- **Simpson Tacoma Pollution Prevention Plan (1992).** This report ("**Pollution Prevention Opportunity Assessment and Implementation Plan for Simpson Tacoma Kraft Company, Tacoma, Washington (EPA 910/9-92-027)**") reflects a specific pollution prevention opportunity assessment and voluntary implementation plan for a single kraft pulp mill. The plan was developed by EPA Region 10 to serve as background for development of a model pollution prevention plan for the kraft segment of the pulp and paper industry as a whole. Contact NTIS (**1-703-487- 4650**) to order a hardcopy version of this report.

#### Other

- **Handbook for Pulp & Paper Technologists (2d ed. 1992).** This handbook, written by pulp and paper expert G.A. Smook, provides technical information relevant to pulp and paper processes, and includes information on the economic and environmental benefits of various pollution minimization efforts. See <http://www.tappi.org> for information on obtaining a copy of this handbook.

#### Databases

- **Sector Facility Indexing Project (SFIP).** The SFIP is a pilot data integration effort initiated by EPA's Office of Enforcement and Compliance Assurance that synthesizes environmental records from several compliance-related data sources into a system that allows facility-level and sector analysis. The SFIP is currently a pilot project covering five industry sectors, including the pulp mill sector. The SFIP provides the public with better access to compliance-related information and allows for sector-based analyses. See <http://es.epa.gov/oeca> for further details.
- **PCS.** The Permit Compliance System (PCS) is a national information system that automates entry, updating and retrieval of NPDES data and tracks permit issuance, permit limits, and monitoring data for NPDES facilities. Public access is available by obtaining a mainframe account on EPA's National Computer Center. See <http://es.epa.gov/oeca/datasys> for further details.

- **IDEA.** The Integrated Data for Enforcement Analysis System (IDEA) is an interactive data retrieval and integration system developed by EPA's Office of Enforcement and Compliance Assurance. Users can retrieve data for performing multimedia analyses of regulated facilities, produce compliance histories of individual facilities, identify a group of facilities that meet user-defined criteria, and produce aggregated data on selected industries. Public access is available by obtaining a mainframe account on EPA's National Computer Center. See <http://es.epa.gov/oeca/idea> for further details.
- **ERNS.** Through The Emergency Response Notification System, EPA maintains a database of reported spills of oil and other materials. See <http://www.epa.gov/docs/ernsacct> for further details.
- **TRI Data.** The Toxics Release Inventory (TRI) provides the public with information on toxic chemicals being used, manufactured, transported, or released into the environment. See <http://www.epa.gov/opptintr/tri> for access to numerous TRI topics, including; "What is TRI", "Accessing and Using TRI Data", "Tri Forms and Reporting Requirements", "TRI chemicals", "TRI Program Development", "TRI National and International Programs", "TRI Contacts", and "What's New with TRI". See <http://www.epa.gov/opptintr/tri/ttpubacc.htm> to learn more about TRI information found on CD-ROM, the Right-to-Know Network (RTK NET), Envirofacts, TOXNET (user fee), and TRI User Support (TRI-US).

## Websites

- **EPA on the World Wide Web.** EPA's webserver is the primary public access mechanism on the Internet for EPA. The webserver provides a range of EPA-generated information in electronic format, and also offers access to OLS, the national online catalog of the EPA library network. It includes the catalogs of the Headquarters Information Resource Center and all the Regional libraries.

### Via Internet:

EPA's homepage on the World Wide Web: <http://www.epa.gov>

EPA's pulp and paper rulemaking actions homepage on the World Wide Web:

<http://www.epa.gov/ost/pulppaper> (water documents)

<http://www.epa.gov/tth/oarpq> (air documents)

- **TAPPI Internet Website.** The Technical Association of the Pulp and Paper Industry (TAPPI) maintains a website on the Internet (<http://www.tappi.org>) that provides references to available pollution prevention materials as well as links to other related websites, such as the sites maintained by the National Council of the Paper Industry for Air and Stream Improvement (NCASI) (<http://www.ncasi.org>) and the American Forest and Paper Association (AF&PA) (<http://www.afandpa.org>).

## Other Sources and Contacts

### EPA Headquarters Information Resource Center

The EPA Headquarters Information Resource Center provides information support services to EPA staff and maintains a varied collection of environmental resources, including CD-ROMs, an online catalog, and other program-specific services. The library provides services to the general public and develops several publications, including newsletters and brochures. Library hours are 8:00 a.m. to 5:00 p.m. ET, Monday through Friday. EPA's Online Library Service (OLS) is available through Telnet: "epaibm.rtpnc.epa.gov."

### **National Technical Information Service (NTIS)**

Located in the U.S. Department of Commerce, the National Technical Information Service (NTIS) is the central source for the public sale of U.S. Government-sponsored research, development, and engineering reports. It is also a central source of federally generated machine processible data files. It contains reports on air pollution, acid rain, water pollution, marine pollution, marine ecosystems, land use planning, fisheries management, solar energy, offshore oil drilling, solid wastes, traffic noise, and radiation monitoring.

**For more information, contact:**

Chief, Order Processing Branch  
National Technical Information Service  
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### **EPA Regional Contact**

Contacts for permitting assistance for mills covered by the pulp and paper regulation at the regional level are:

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